

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A computer-implemented interface for data presentation embodied on a computer-readable storage medium, comprising:

a lens component associated with a portion of a user interface display, the lens component defines an area to display information from at least one search result; and

a layout component that displays a detailed subset of information, comprising textual information, within the area defined by the lens component based upon the search result, the detailed subset of information is animated to enlarge in size and to include additional textual information that is selected from the at least one search result for insertion into the detailed subset of information based in part on a query associated with the at least one search result, as compared to the amount of information displayed for the at least one search result when outside of the area defined by the lens component.
2. (Previously Presented) The interface of claim 1, further comprising at least one search engine and at least one local or remote database to retrieve the search result.
3. (Previously Presented) The interface of claim 1, the layout component receives user inputs that operates, alters, or selects display criteria of the lens component and other search results.
4. (Previously Presented) The interface of claim 3, further comprising one or more parameters that effect the display criteria.

5. (Previously Presented) The interface of claim 4, the parameters include at least one of a lens size, a lens shape, a lens location, a magnification factor, a presentation rate, a delay, a trigger, or a minimum font size.

6. (Previously Presented) The interface of claim 1, further comprising at least one other lens component to display information.

7. (Previously Presented) The interface of claim 1, the lens component is defined as a fisheye lens that is applied vertically to a display at about a focal center of the display.

8. (Previously Presented) The interface of claim 7, the focal center includes one result item comprising a title, description, and URL of a web page.

9. (Previously Presented) The interface of claim 7, the fisheye lens is associated with a piecewise view.

10. (Previously Presented) The interface of claim 1, further comprising a display option for controlling a rate of magnification for the lens component by using a factor as a target and incrementally adjusting a zoom until the target is reached.

11. (Previously Presented) The interface of claim 10, the subset of information displayed within the area defined by the lens component increases in size until a maximum size is reached.

12. (Previously Presented) The interface of claim 10, further comprising a parameter that controls a size of zoom increments.

13. (Previously Presented) The interface of claim 12, the zoom increments are controlled with a step function.

14. (Previously Presented) The interface of claim 12, further comprising geometric or exponential functions that allow the subset of information to grow or settle at varying acceleration.
15. (Previously Presented) The interface of claim 12, further comprising a content insertion parameter that is adjusted according to a rate of insertion or according to a size of information chunks.
16. (Previously Presented) The interface of claim 1, further comprising a control panel to allow designers to adjust display parameters for the lens component or the layout component.
17. (Previously Presented) The interface of claim 1, further comprising a display output associated with at least one of an instant information view or a dynamic information view.
18. (Previously Presented) The interface of claim 17, the dynamic information view is coordinated with an amount of information to progressively insert additional information associated with the at least one search result into the detailed subset of information according to an amount of time a mouse hovers over the at least one search result.
19. (Original) A computer readable medium having computer readable instructions stored thereon for implementing the components of claim 1.

20. (Currently amended) A computer-implemented system for displaying query results, comprising:

- a processor;
- means for retrieving search results from a database, each search result of the search results comprising textual information associated with the respective search result;
- means for processing the search results in accordance with a lens;
- means for displaying at least one search result from within the lens and other search results outside the lens;
- means for inserting additional textual information associated with the at least one search result within the lens as compared to other search results outside the lens, the additional textual information is selected from the at least one search result for insertion within the lens based in part on a query associated with the at least one search result; and
- means for animating the at least one search result displayed within the lens to magnify it in size as compared to other search results outside the lens.

21. (Currently amended) A method for automatic search result organization, comprising:

defining a plurality of parameters for displaying search results, each search result comprised of content associated with the respective search result, the content comprising subsets of the content where each subset is associated with a content type;

defining a lens region to display at least one of the search results;

displaying at least one of the search results within the lens region and at least one other search result outside the lens region;

inserting additional content associated with the at least one of the search results within the lens region, the additional content is selected from the at least one of the search results for insertion within the lens region based in part on a query associated with the at least one of the search results; and

animating the content associated with the at least one of the search results displayed within the lens region to enlarge the size of the content as compared to content associated with the at least one other search result displayed outside the lens region; ~~a first subset of the content associated with a first content type, and associated with the at least one of the search results, is enlarged to a first size and another subset of the content associated with another content type, and associated with the at least one of the search results, is enlarged to another size based on the respective content type.~~

22. (Previously presented) The method of claim 21, the parameters include at least one of a lens size, a lens shape, a lens location, a magnification factor, a viewing rate, a delay, a trigger, or a minimum font size.

23. (Original) The method of claim 22, further comprising providing a focal center for the lens region.

24. (Original) The method of claim 23, further comprising controlling a rate of magnification for the lens region by using a factor as a target and incrementally adjusting a zoom until the target is reached.

25. (Currently amended) A computer-implemented graphical user interface embodied on a computer-readable storage medium, comprising:

one or more data items and results respectively associated therewith retrieved from a database, each of the one or more data items comprising text associated with a respective result;

one or more display objects created for the one or more data items;

an input component for selecting the one or more data items and parameters respectively associated with each of the one or more data items; and

a lens component to present at least one of the one or more display objects in a different format with respect to a collection of the one or more data items, the different format comprises animation of the at least one of the one or more display objects to magnify that display object in size and modify that display object to include additional text that is retrieved from a result to be included in the display object based in part on a query associated with a respective the result, as compared to display objects outside of the lens component.

26. (Previously presented) The interface of claim 25, further comprising controls for interacting with a search engine, a database, the one or more display objects or the lens component.

27. (Previously presented) The interface of claim 25, the one or more display objects are associated with at least one of text insertion, query-relevant text insertion, thumbnails of a web page, information about a size of a result, a download speed, or a recency of a page.